

The Caerphilly Sustainability Index

- measuring sustainable development at the local level

31st October 2008

Building together local indicators for societal progress, Rennes, France

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centre for well-being

nef (the new economics foundation)



Caerphilly Sustainability Index



- *What is sustainable development?*
- *What is well-being?*
- *The Happy Planet Index*
- *The Caerphilly Sustainability Index*
- *Local Well-Being Project*

Sustainable development

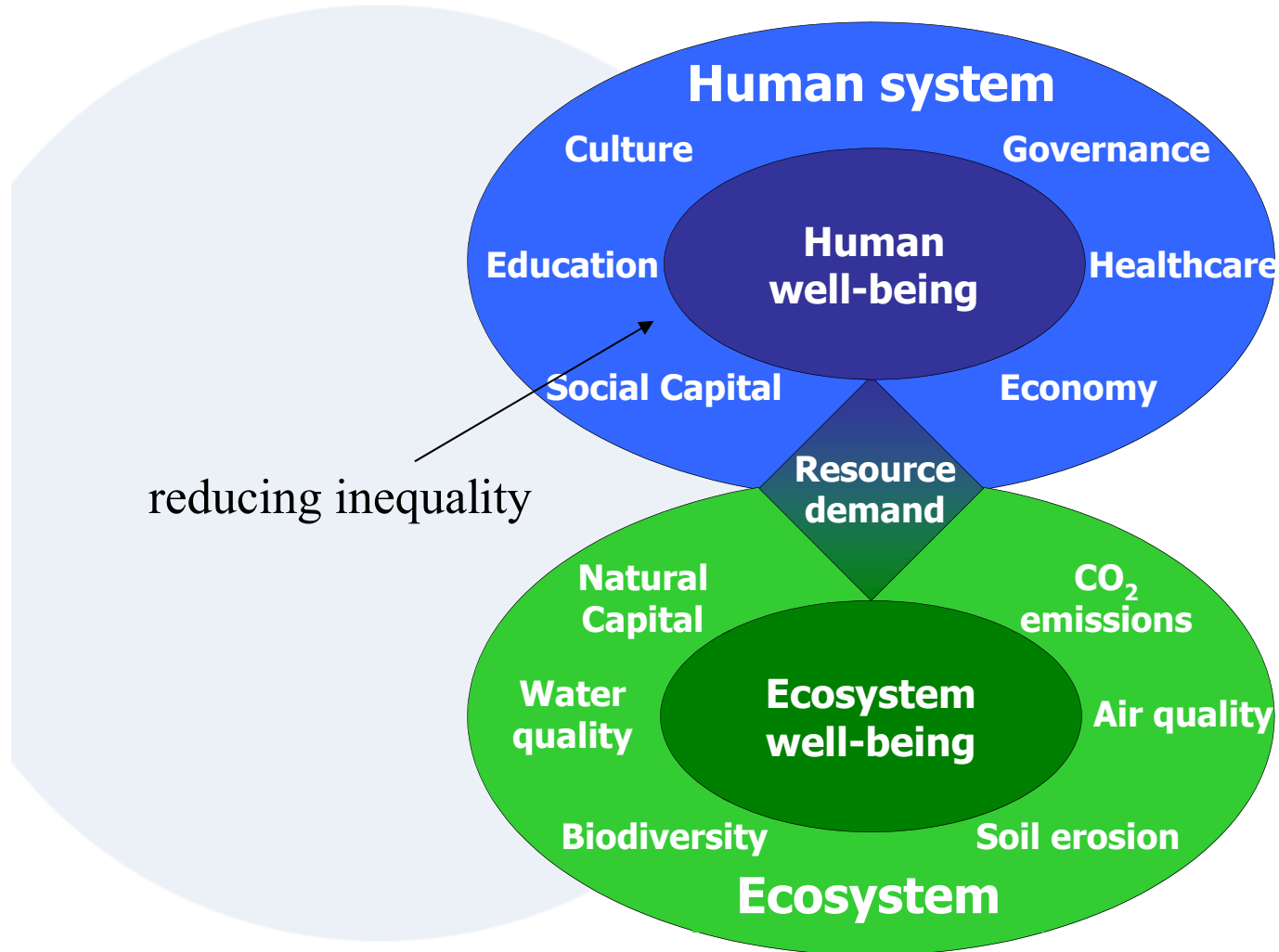
Brundtland formulation:

“meets the needs of the present without compromising the ability of future generations to meet their own needs”

DEFRA, Securing the Future (2005)

“living within environmental limits” and “ensuring a strong, healthy and just society. Meeting the diverse needs of all people in existing and future communities, promoting personal well-being...”

Sustainable development



Caerphilly Sustainability Index

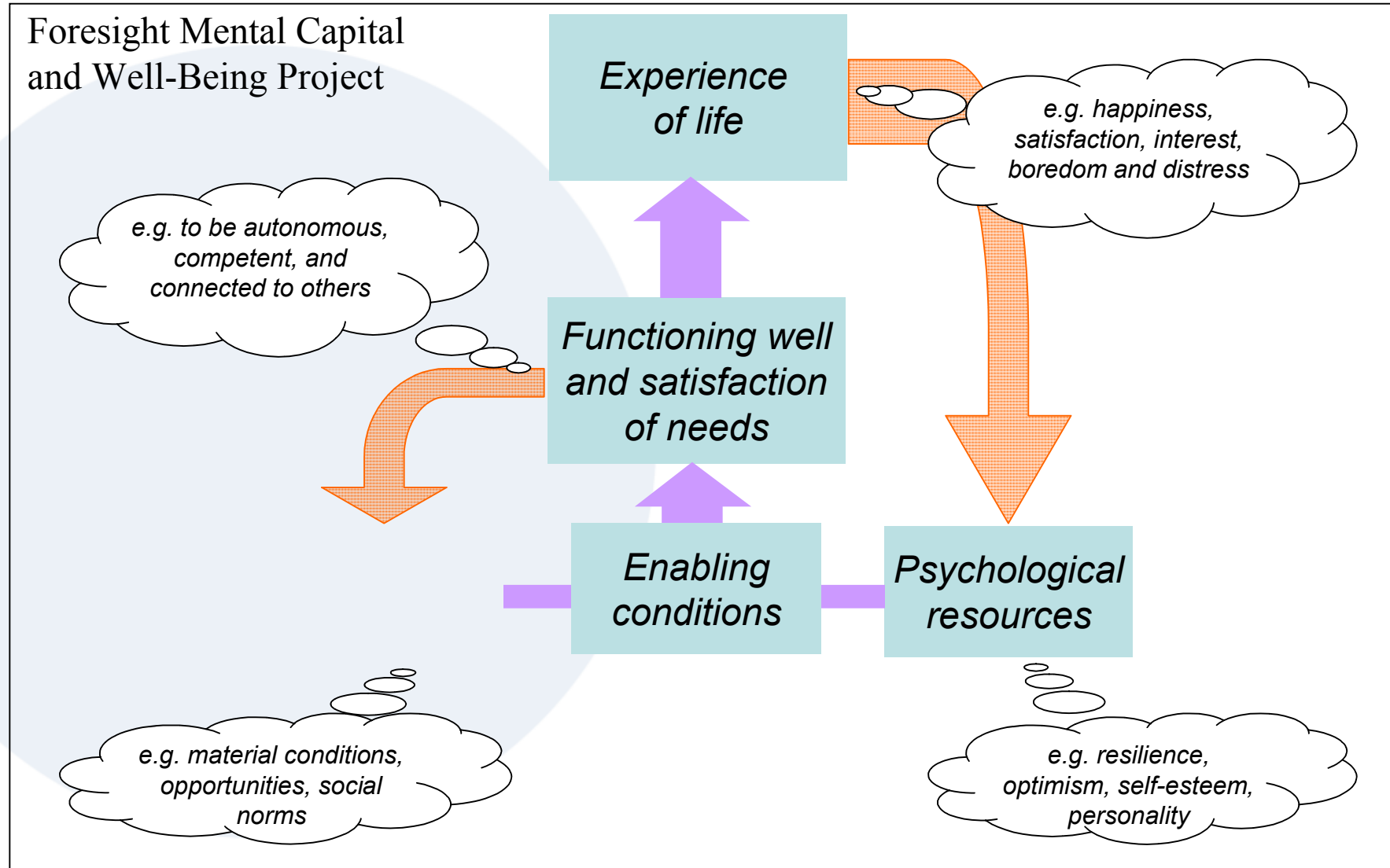


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- *What is well-being?*
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What is well-being?

- *Many definitions:*
 - *Feeling good, doing well*
 - *Happy, engaged and meaningful life*
 - *‘A positive physical, social and mental state’ (W3G)*
- *Satisfaction of physical and psychological needs*
 - *Relatedness*
 - *Autonomy*
 - *Competence*
- *Fundamentally subjective*

Human well-being



Caerphilly Sustainability Index



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The Happy Planet Index

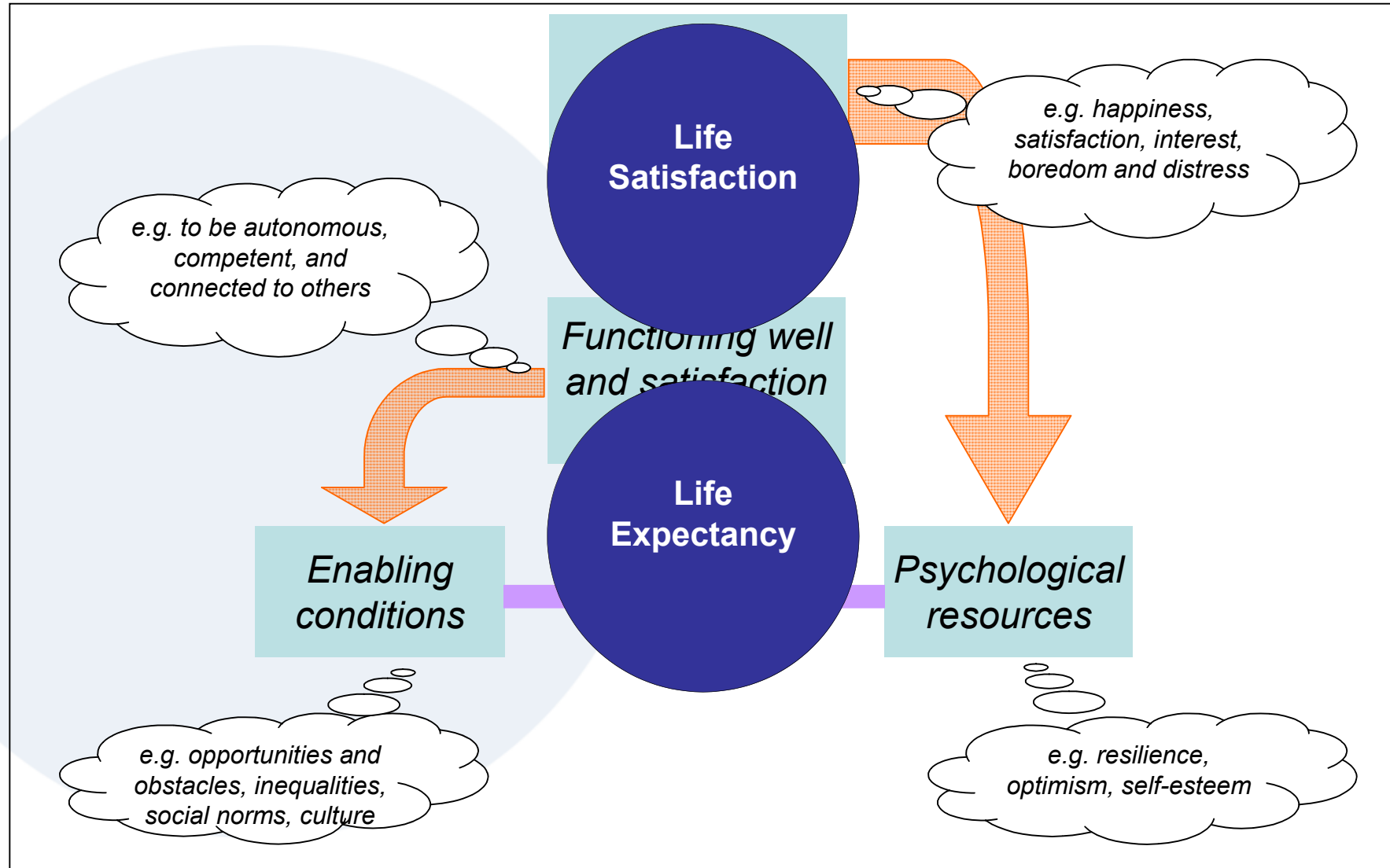
The United Nations logo, featuring the letters 'un' in red with a stylized human figure below them.

THE HAPPY PLANET INDEX

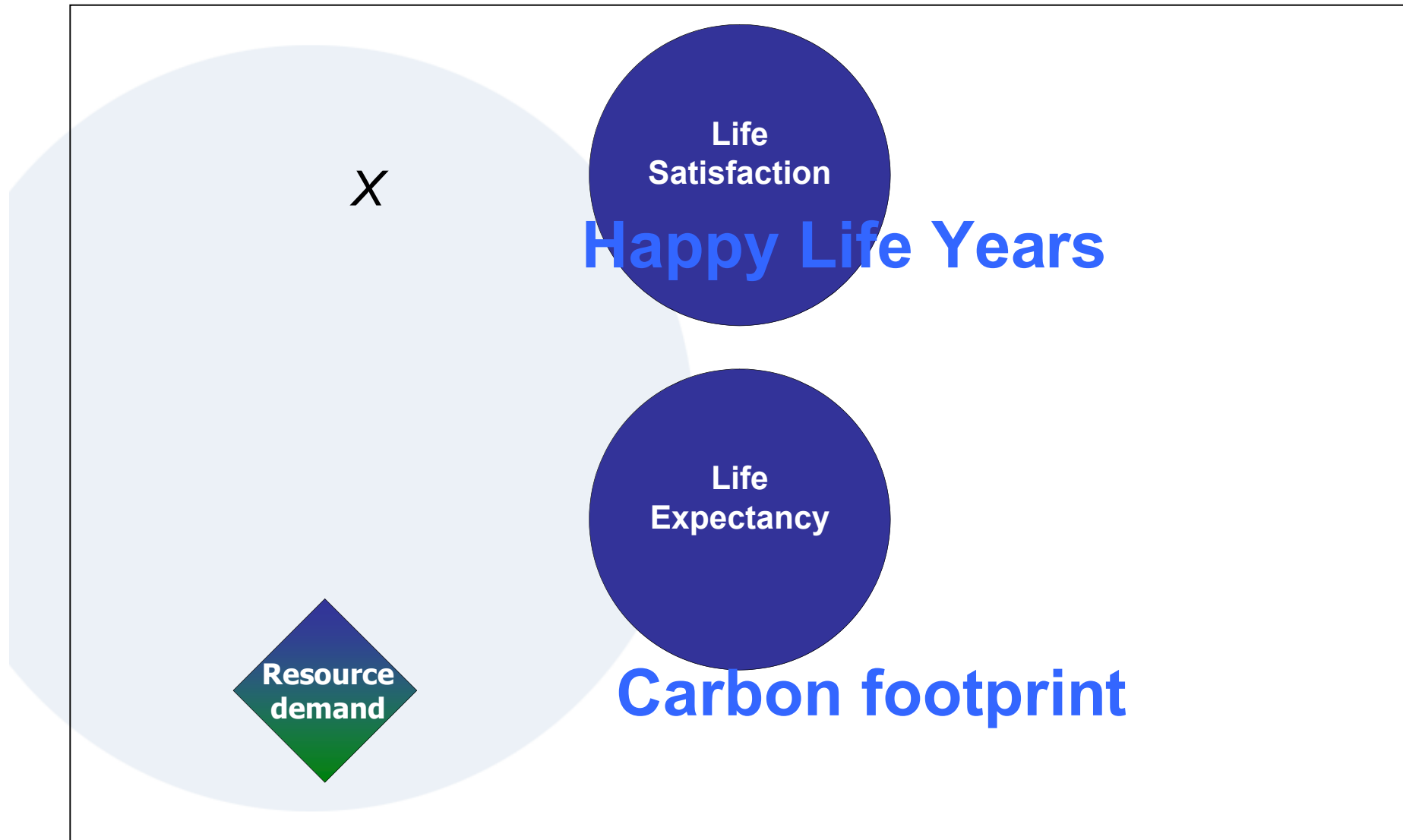
An index of human well-being and environmental impact

- *Launched by **nef** in July 2006*
- *European HPI launched in July 2007*
- *Measure of the “Ecological efficiency with which human well-being is delivered”*
- *Over 1,000,000 downloads to date*

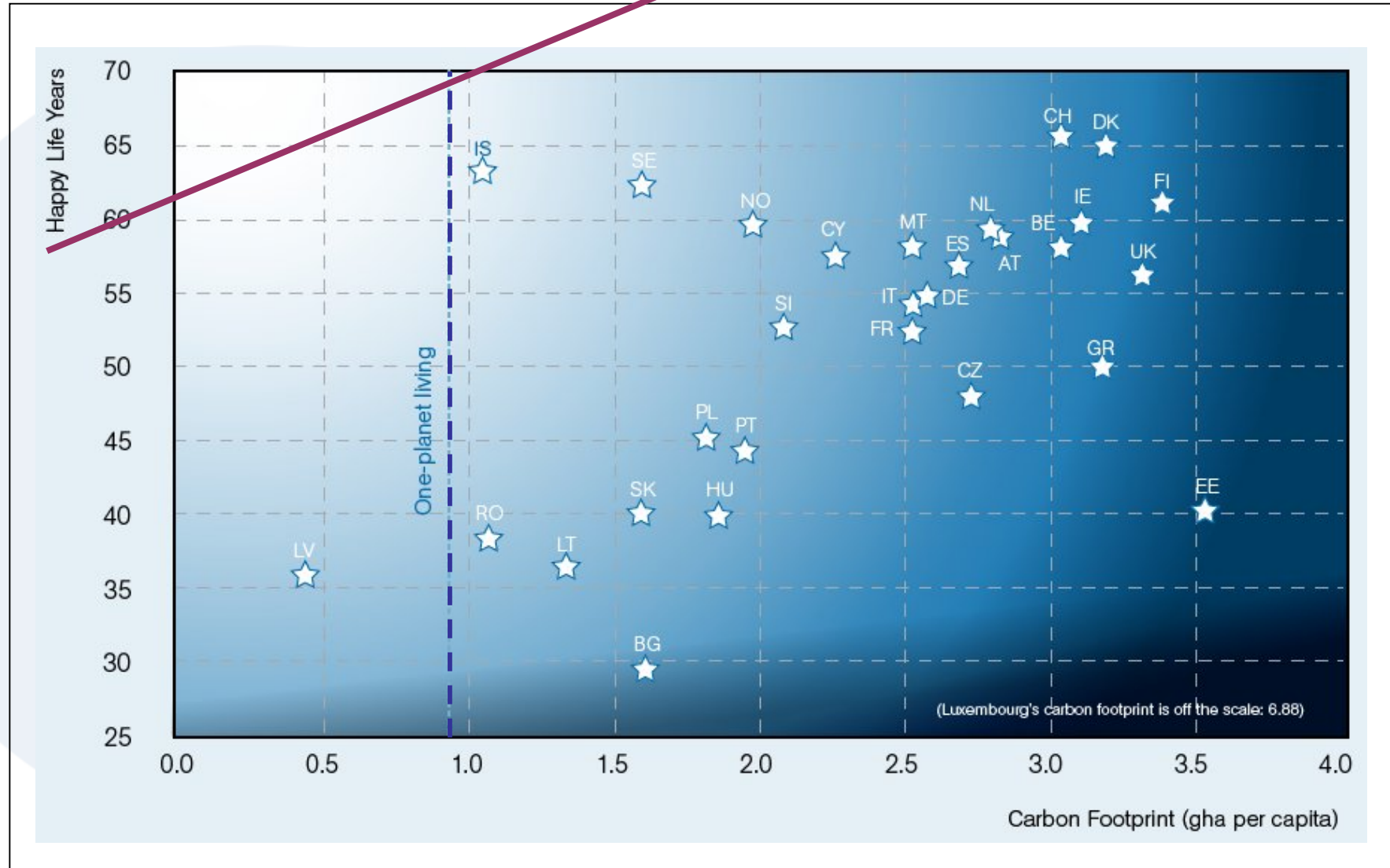
Human well-being



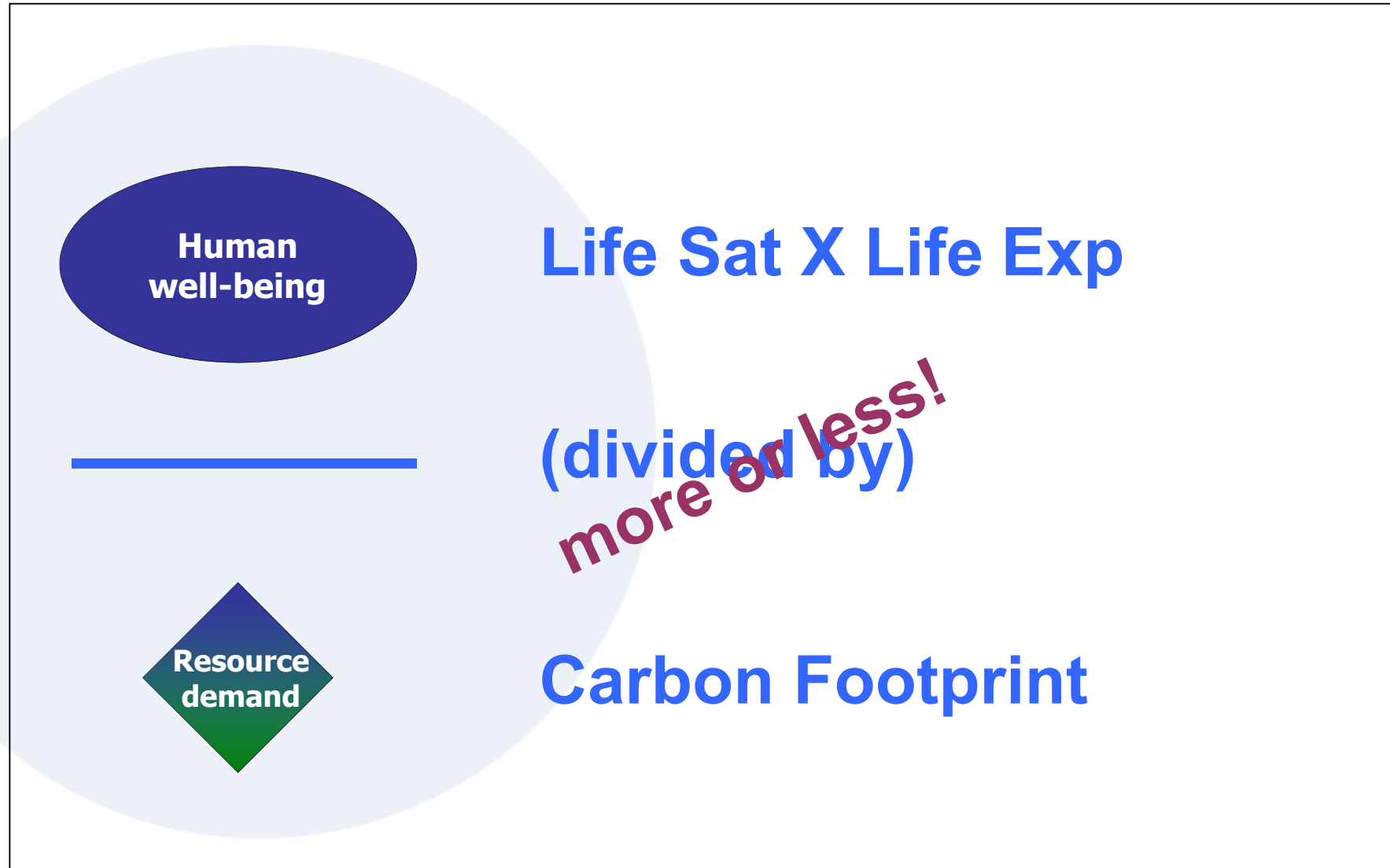
What HPI measures



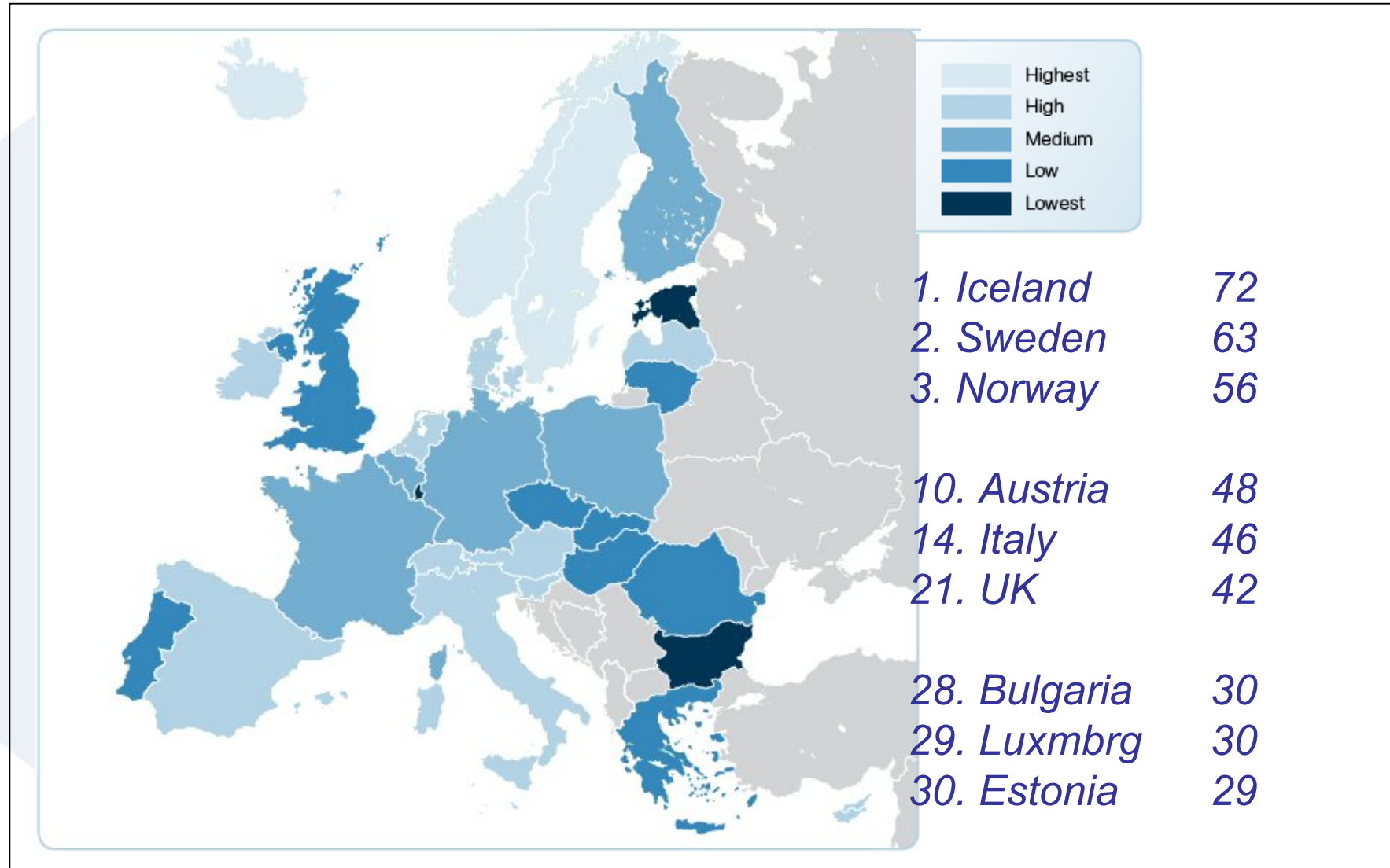
European HPI



What HPI measures



What HPI measures



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Caerphilly



[keə'fili]

Caerphilly

Population: 171,000

Caerphilly



- *Famous for Caerphilly Castle, Cheese and for allowing the Sex Pistols to play there*



Caerphilly SDS



- *“Living Better, Using Less”*
- *Sees Sustainable Development as:
“working towards becoming a sustainable county borough where our residents are able to live longer, healthier, more fulfilled lives whilst consuming less resources so as not to compromising the quality of life of future generations or people living on other parts of the globe”*

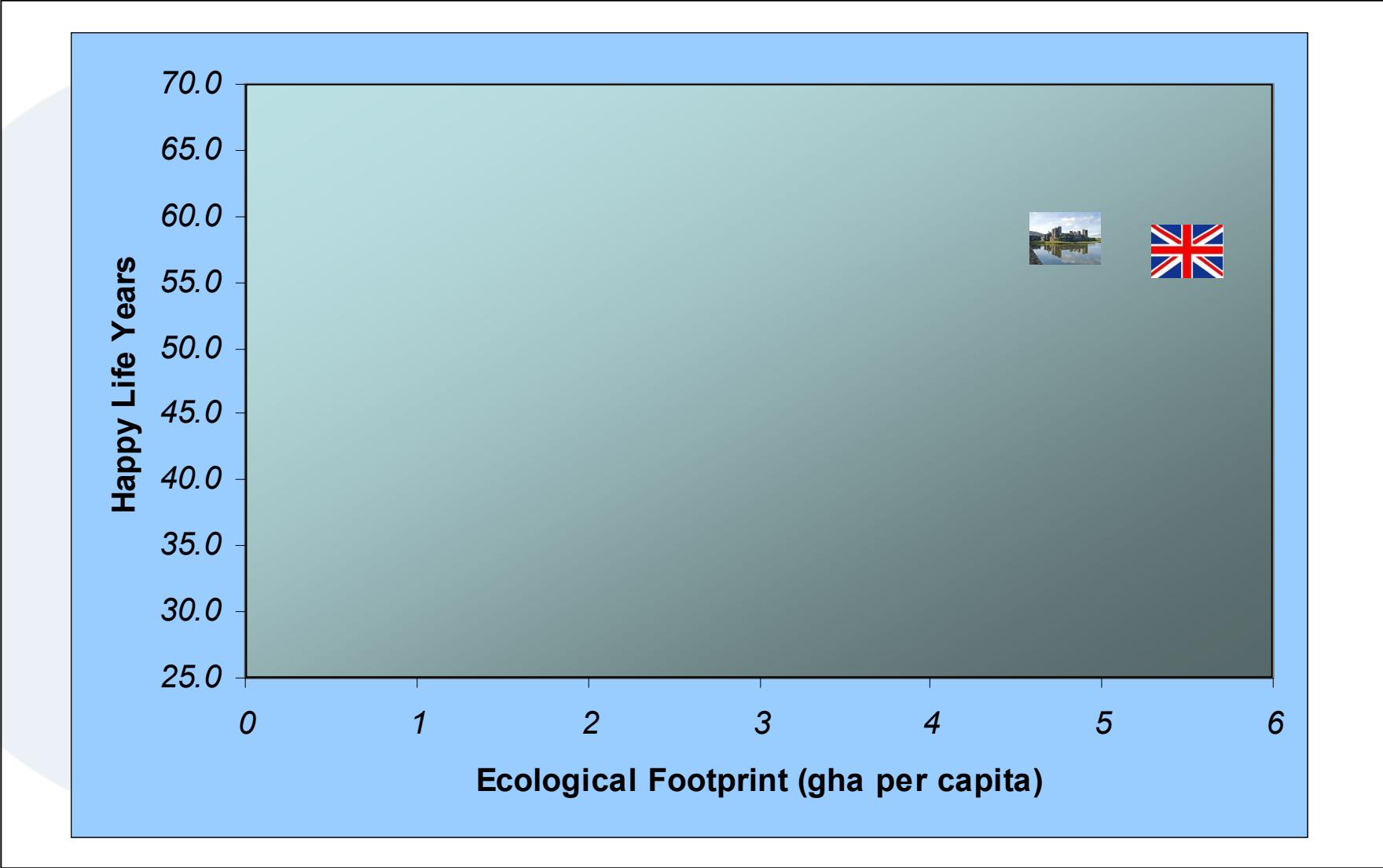


Caerphilly SDS

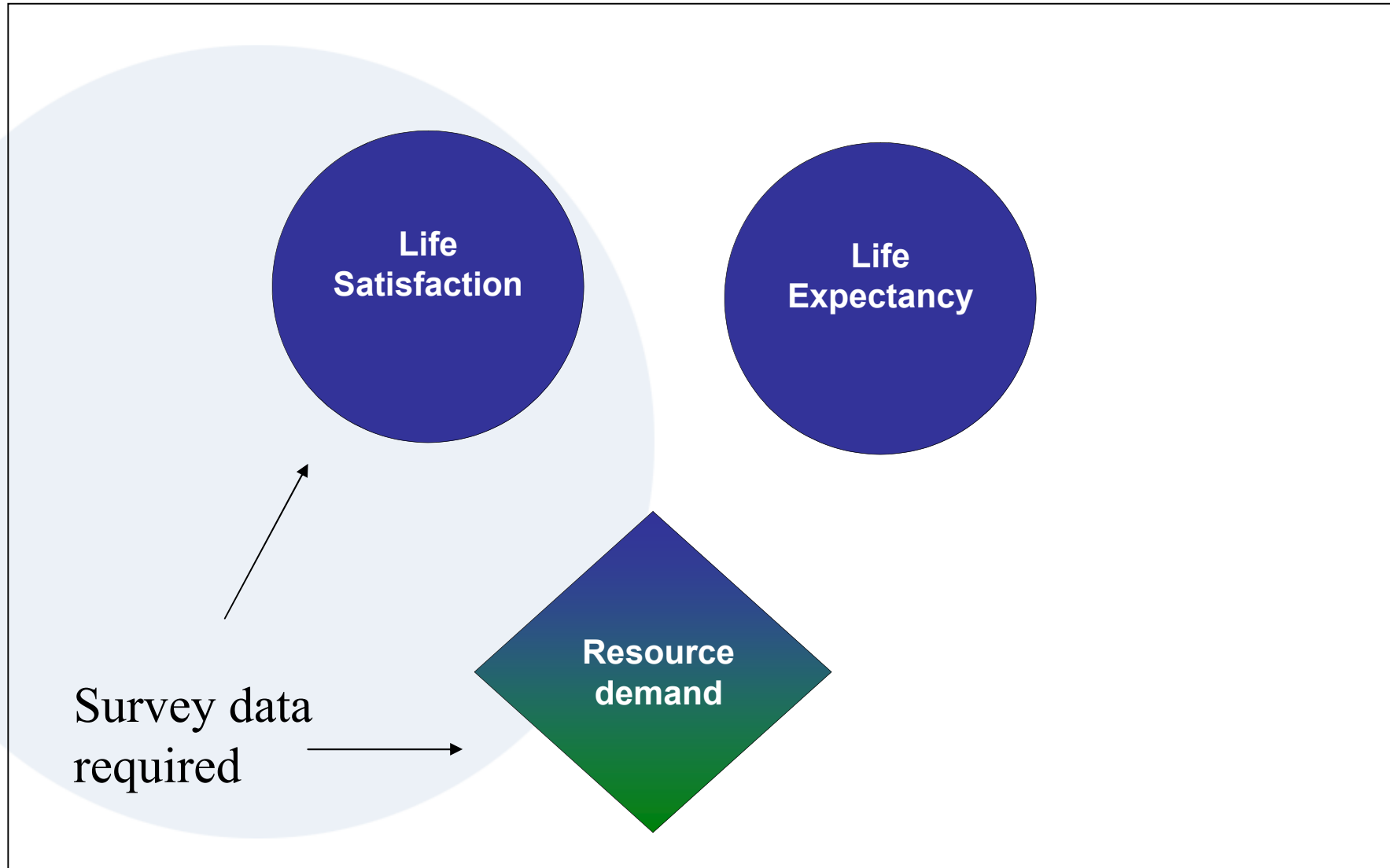


- *Three objectives:*
 - *To promote longer healthier lives*
 - *raise average life expectancy to UK average by 2030*
 - *To promote fulfilled and satisfied lives*
 - *achieve average life satisfaction equal to or above UK average by 2030*
 - *To consume less resources*
 - *achieve 'one-planet living' by 2050 (which means reducing per capita footprint to 2.87 g ha by 2030)*

Caerphilly SDS



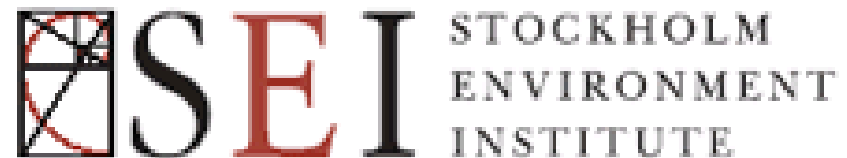
Caerphilly SDS - measures



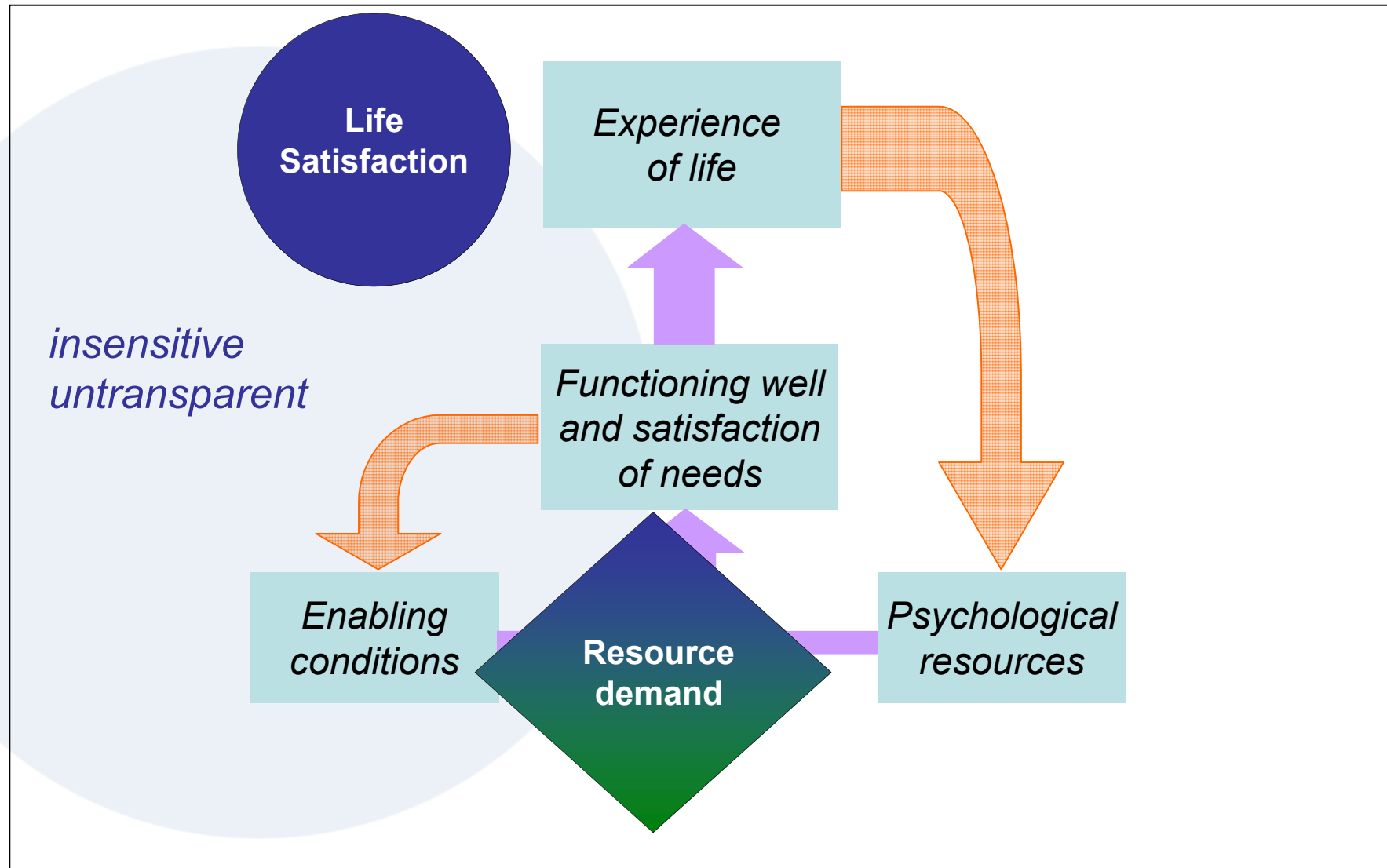
Ecological Footprint



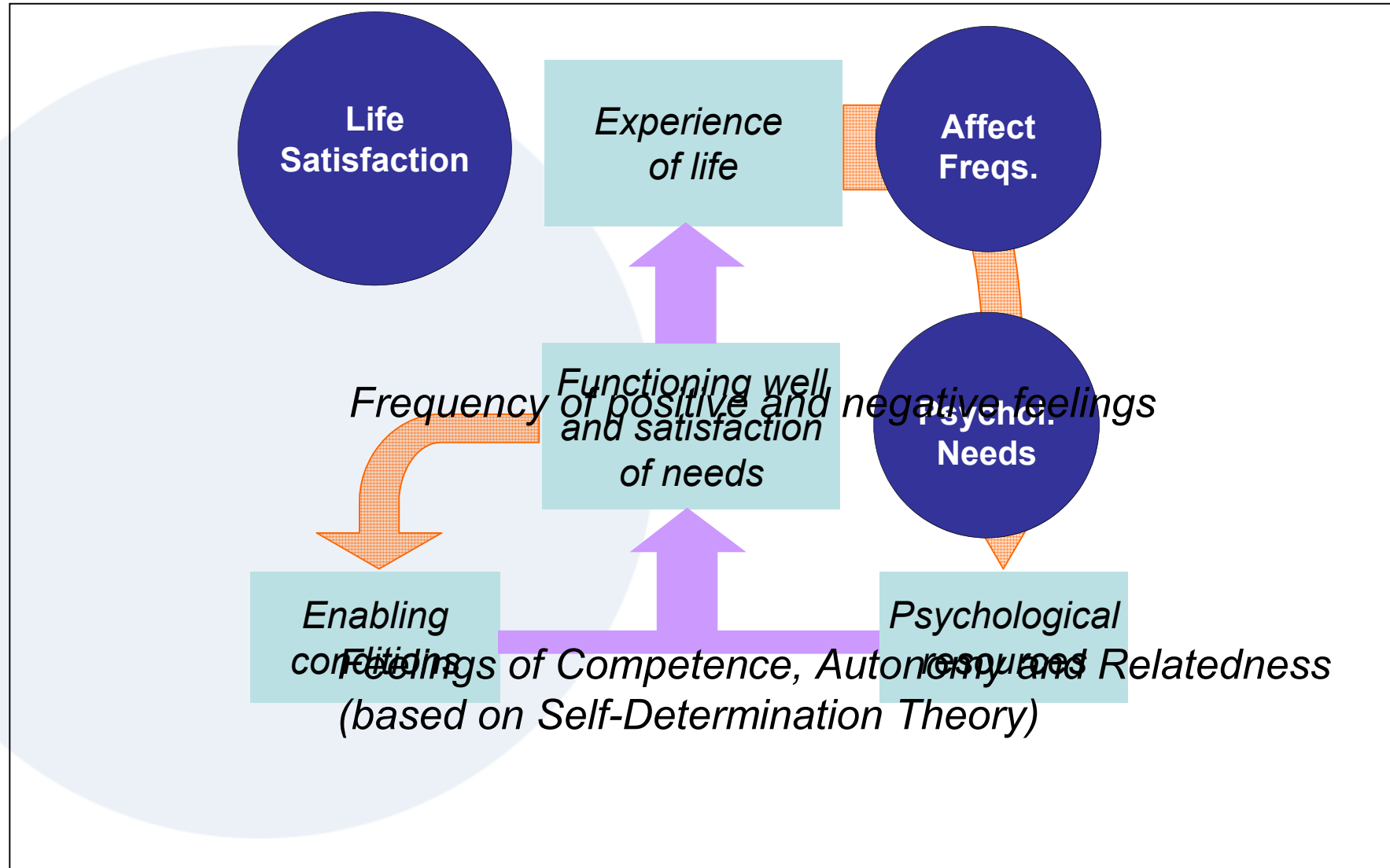
- *Questions and calculations provided by Stockholm Environment Institute, in York*
- *Footprint disaggregated into:*
 - *Home*
 - *Energy*
 - *Food*
 - *Transport*
 - *Household consumables*



Human well-being



Human well-being



Caerphilly Sustainability Index



- *60 question survey*
- *To be carried out biennially*
- *Will allow*
 - *monitoring of time trends*
 - *exploring of inequalities*
 - *identification of particular problem aspects*
 - *(hopefully) comparison with other regions*
 - *exploration of links between well-being and ecological impact at individual level*

Who are nef?



- *An independent UK think-tank (founded 1986)*
- *Inspired by 3 principles*
 1. *Ecological Sustainability*
 2. *Social Justice*
 3. *People's Well-being*
- *Aim of centre for well-being: Enhance individual and collective well-being in ways that are environmentally sustainable and socially just*

www.neweconomics.org

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